

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 09/851,164

AMENDMENTS TO THE SPECIFICATION

Amend the specification by inserting before the first line the sentence:

This is a continuation-in-part of Application No. 09/210,392 filed December 14, 1998

(abandoned), the disclosure of which is incorporated herein by reference.

Replace the second full paragraph on page 12 with the following:

The colorimetric data X, Y, Z thus obtained comprise all combinations of the colorimetric values. Combinations about (L^* , a^* , b^*) are 25 combinations including one combination of (L^* , a^* , b^*), two combinations of (L^* , $a^* \pm \Delta a$, b^*), two combinations of (L^* , $a^* \pm 2\Delta a$, b^*), two combinations of (L^* , a^* , $b^* \pm \Delta b$), two combinations of (L^* , a^* , $b^* \pm 2\Delta b$), four combinations of (L^* , $a^* \pm \Delta a$, $b^* \pm \Delta b$), four combinations of (L^* , $a^* \pm \Delta a$, $b^* \pm 2\Delta b$), four combinations of (L^* , $a^* \pm 2\Delta a$, $b^* \pm \Delta b$), and four combinations of (L^* , $a^* \pm 2\Delta a$, $b^* \pm 2\Delta b$).

[[Therefore,]] With an exemplary collection of five color charts, there are a total of 125 combinations.

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Please delete the present Abstract of the Disclosure and replace it with the following new Abstract of the Disclosure.

Even if the color of a print sheet to be actually used for printing is lighter than the color of a sheet according to a given standard printing profile, a printer outputs a proof on a dedicated sheet where the difference between the sheet colors has been corrected. Specifically, after input image data are converted to colorimetric data by a printing profile, the difference between the sheet colors is corrected by one-dimensional LUTs. Input/output gradients (straight lines) incorporated in the one-dimensional LUTs are represented by $X\alpha/X_0$, $Y\alpha/Y_0$, $Z\alpha/Z_0$ where $X\alpha$, $Y\alpha$, $Z\alpha$ indicate colorimetric values of the color of the print sheet to be actually used for printing and X_0 , Y_0 , Z_0 indicate colorimetric values of the color of a standard print sheet used to generate the print profile. The difference between the sheet color according to the standard printing profile and the sheet color to be actually used for printing thus becomes corrected.